

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Nigel Griffin, et al.

Serial No.: 10/604,007

Filed: June 20, 2003

For: Polycrystalline Diamond Partially Depleted
Of Catalyzing Material

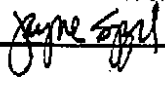
§ Art Unit No.: 1775
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§ Examiner: Turner
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§ Docket No.: 78.1081-0.6
§

VIA FAX: (703) 872-9310

June 7, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

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37 C.F.R. 1.10	
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6/7/04	
Date	Signature

Attached in connection with the above-captioned application are:

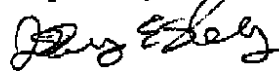
1. Transmittal Letter
2. Information Disclosure Statement
3. PTO/SB/08A *Information Disclosure Statement By Applicant*

This is a continuation of U.S. Patent Application Serial No. 09/682,042, filed July 13, 2001. Copies of the patents in this Information Disclosure Statement are included in that case file.

Please deduct the fee of \$180.00 for submission of an Information Disclosure Statement under 37 CFR 1.17(p) from Deposit Account No. 180584.

Also, the Commissioner is hereby authorized to charge any additional fees that may be required at any time during the prosecution of this application without specific authorization, or credit any overpayment, to Deposit Account No. 180584.

Respectfully submitted,



Jeffery E. Daly
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Customer No. 26932

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JUN 07 2004

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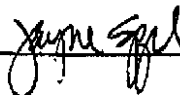
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**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98**

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the references listed on the attached Form PTO/SB/08A be considered by the Examiner and made of record. Copies of the listed references are included in the parent case, US Patent Application Serial No. 09/682,042, filed July 13, 2001.

In accordance with 37 C.F.R. § 1.97(g), this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined 37 C.F.R. § 1.56(b) exists. Furthermore, pursuant to 37 C.F.R. § 1.97(h), the filing of this statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Information Disclosure Statement is filed in accordance with 37 C.F.R. 1.97 (b). The Commissioner is hereby authorized to charge the \$180 fee under 37 CFR 1.17(p), and any additional fees that may be required at any time during the prosecution of this application without specific authorization, or credit any overpayment, to Deposit Account No. 180584. If there are any questions concerning the above, please contact the undersigned at (832) 681-8623.

Respectfully submitted,



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PTQ/SB/08A (08-00)

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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Page, Column, Line, Where Relevant Paragraph or Relevant Figure Appear
		Number	Kind Code ² (if known)			
		4,580,014		Geczy	12/24/1985	
		4,570,726		Hall	02/18/1986	
		4,572,722		Dyer	02/25/1986	
		4,605,343		Hibbs Jr et al	08/12/1986	
		4,606,738		Hayden	08/19/1986	
		4,621,031		Scruggs	11/04/1986	
		4,636,253		Nakai et al	01/13/1987	
		4,645,977		Kurokawa et al	02/24/1987	
		4,662,348		Hall et al	05/05/1987	
		4,664,705		Horton et al	05/12/1987	
		4,670,025		Pipkin	06/02/1987	
		4,707,384		Schachner et al	11/17/1987	
		4,726,718		Meskin et al	02/23/1988	
		4,766,040		Hillert et al	08/24/1988	
		4,776,861		Fruishour	10/11/1988	
		4,792,001		Zijeling	12/20/1988	
		4,793,828		Burnand	12/27/1988	
		4,797,241		Peterson et al	01/10/1989	
		4,802,539		Hall et al	02/07/1989	
		4,807,402		Rai	02/28/1989	

[illegible]

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/604,007
				Filing Date	8/20/2003
				First Named Inventor	Griffin et al
				Group Art Unit	
				Examiner Name	
Sheet	3	of	6	Attorney Docket Number	78.1081-0.6

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		4,828,682		Frushour	05/09/1989	
		4,881,350		Phaal et al	08/29/1989	
		4,871,377		Frushour	10/03/1989	
		4,899,922		Slutz et al	02/13/1990	
		4,919,220		Fuller et al	04/24/1990	
		4,940,180		Martell	07/10/1990	
		4,943,488		Sung et al	07/24/1990	
		4,944,772		Cho	07/31/1990	
		4,976,324		Tibbitts	12/11/1990	
		5,027,912		Juergens	07/02/1991	
		5,030,276		Sung et al	07/09/1991	
		5,082,687		Hall	03/03/1992	
		5,116,586		Sung et al	05/26/1992	
		5,127,923		Bunting et al	07/07/1992	
		5,135,081		Newton Jr	08/04/1992	
		5,176,720		Martell et al	01/05/1993	
		5,186,725		Martell et al	02/16/1993	
		5,199,832		Meskin et al	04/06/1993	
		5,205,684		Meskin et al	04/27/1993	
		5,213,248		Horton et al	05/25/1993	

[illegible]

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/604,007
		Filing Date	6/20/2003
		First Named Inventor	Griffin et al
		Group Art Unit	
		Examiner Name	
Sheet 4 of 6	Attorney Docket Number	78.1081-0.8	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
		5,238,074		Tibbitts	08/24/1993
		5,284,283		Waldenstrom	11/23/1993
		5,337,844		Tibbitts	08/18/1994
		5,379,853		Lockwood	01/10/1995
		5,439,492		Anthony et al	08/08/1995
		5,464,088		Nafari-Sani	11/07/1995
		5,468,268		Tank et al	11/21/1995
		5,496,638		Waldenstrom	03/05/1996
		5,505,748		Tank et al	04/09/1996
		5,510,193		Cerutti et al	04/23/1996
		5,523,121		Anthony et al	06/04/1996
		5,624,719		Dennis	06/11/1996
		5,580,718		Tank et al	10/01/1996
		5,607,024		Keith et al	03/04/1997
		5,620,382		Cho et al	04/15/1997
		5,624,068		Waldenstrom et al	04/29/1997
		5,667,028		Truax et al	09/16/1997
		5,718,948		Edvard et al	02/17/1998
		5,722,488		Nguyen et al	03/03/1998
		5,776,615		Wong et al	07/07/1998

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
		EP	0300659	A2	Smith International Inc.	01/25/1989	
		EP	0329954	B1	General Electric Company	08/18/1993	
		EP	0500253	B1	Sumitomo Electric	11/12/1997	
		EP	0595630	B1	CSIR	01/07/1998	
		EP	0595831	B1	CSIR	04/09/1997	
		EP	0812888	B1	Sumitomo Electric	07/22/1998	
		EP	0617207	A3	DeBeers Industrial	08/28/1994	
		EP	0787820	A2	Saint-Gobain/Norton	08/06/1997	
		EP	0860515	A1	DeBeers Industrial	08/28/1998	
		UK	2048927	A	DeBeers Industrial	12/17/1980	

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Application Number				10/604,007	
Filing Date				6/20/2003	
First Named Inventor				Griffin et al	
Group Art Unit					
Examiner Name					
Attorney Docket Number				78.1081-0.8	
Sheet	5	of	8		

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Examiner Signature		Date Considered	
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